

09/889,326

Photoinducibly redox-active, linked, at least bimolecular electron-donor/electron-acceptor complexes in which (one of) the electron donor(s) and/or (one of) the electron acceptor(s) is a charge transfer complex or transition metal complex. Examples of transition metal complexes are  $[\text{Ru}(\text{bipy})_2(\text{py})(\text{im})]^{2+}$ , any other  $[\text{Ru}(\text{II})(\text{L1})(\text{L2})(\text{L3})(\text{L4})(\text{L5})(\text{L6})]$  complexes,  $\text{Cr}(\text{III})$ ,  $\text{Fe}(\text{II})$ ,  $\text{Os}(\text{II})$ , or  $\text{Co}(\text{II})$  complexes, wherein "bipy" stands for a bipyridyl ligand, "py" for a pyridyl ligand, "im" for an imidazole ligand, and L1 to L3 for any ligand, and also more or fewer than 6 ligands may coordinate on a transition metal.

Setting the number of ligands equal to three (3) and L1 to L3 equal to (bipy, a bipyridyl ligand), the present specification explains that Ruthenium tris-bipyridine is (one of) the electron donor(s) and/or electron acceptor(s). Therefore, an electron donor/acceptor pair may contain one or more Ruthenium tris-bipyridine but Ruthenium tris-bipyridine, per se, is not considered an electron donor/acceptor pair as defined by this application. Neither is Ruthenium bipyridine considered to be an example of a photoinducible redox active electron donor/acceptor pair.

In view of the foregoing, it is respectfully submitted that any outstanding objection(s)/rejection(s) should be withdrawn and this application is now placed in a condition for allowance. Action to that end, in the form of an early Notice of Allowance, is courteously solicited by the Applicant at this time.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

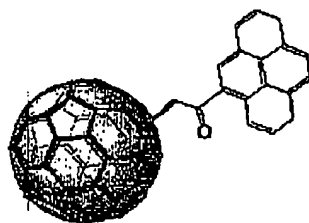
Respectfully submitted,



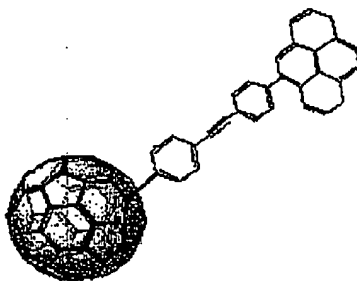
Michael J. Bujold, Reg. No. 32,018  
Customer No. 020210  
Davis & Bujold, P.L.L.C.  
Fourth Floor  
500 North Commercial Street  
Manchester NH 03101-1151  
Telephone 603-624-9220  
Facsimile 603-624-9229  
E-mail: [patent@davisandbujold.com](mailto:patent@davisandbujold.com)

3/21/2006 11:26 AM

- 2 -



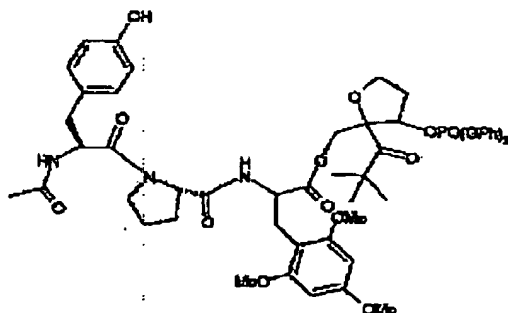
Pyrenyl-acetyl-azafulleren



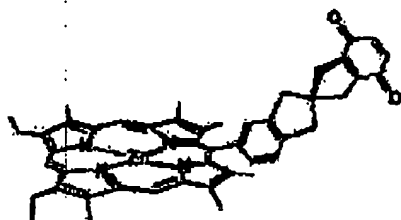
Pyrenyl-1,2-diphenylethynyl-azafulleren



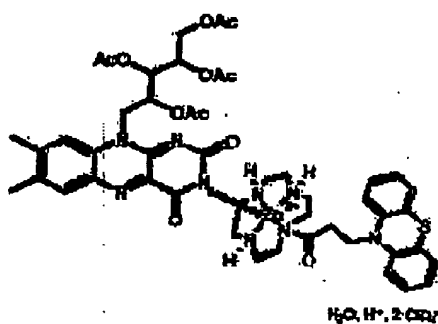
Triarylamine - Spacer - Europium-tris(1,3-diphenylacetylacetonato)-monophenanthroline-complex



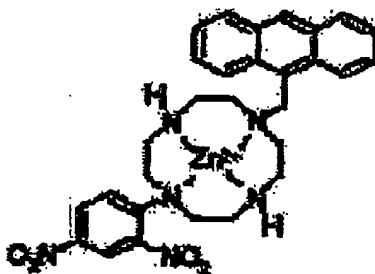
*N*-acetyl-tyrosinyl-prolinyl-(*rac*)-2,4,6-trimethoxyphenylalanine-[(2*S*,3*R*)-2-*tert*-butylcarbonyl-3-diphenoxyphosphoryloxy-tetrahydrofuran-2-yl]-methylester



spiro [4.4]-nonane benzoquinone zinc-porphyrin complex



1-N-(aminoethyl-phenothiazine-1carboxamid), 4,7,10 tetraazacyclododecane-zinc(II)-diperchlorate roboflavin tetraacetate-complex



1-N-(2,4-dinitrophenyl), 4,7-N-(anthracenyl), 10-tetraazacyclododecane-zinc(II)-complex